



JUN 25 2002

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1652

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/731,231A

DATE: 06/06/2002

TIME: 12:32:06

Input Set : A:\Seqlist.txt

Output Set : N:\CRF3\06062002\I731231A.raw

4 <110> APPLICANT: GUEGLER, Karl et al
 6 <120> TITLE OF INVENTION: ISOLATED HUMAN KINASE PROTEINS, NUCLEIC
 7 ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES
 8 THEREOF
 10 <130> FILE REFERENCE: CL001007
 12 <140> CURRENT APPLICATION NUMBER: 09/731,231A
 13 <141> CURRENT FILING DATE: 2000-12-07
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 17 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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 20 <211> LENGTH: 2869
 21 <212> TYPE: DNA
 22 <213> ORGANISM: Human
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76 <212> TYPE: PRT

77 <213> ORGANISM: Human

79 <400> SEQUENCE: 2

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83 20 25 30
84 Gln Lys Leu Gly Ser Gly Ser Phe Gly Thr Val Tyr Leu Val Ser Asp
85 35 40 45
86 Lys Lys Ala Lys Arg Gly Glu Glu Leu Lys Val Leu Lys Glu Ile Ser
87 50 55 60
88 Val Gly Glu Leu Asn Pro Asn Glu Thr Val Gln Ala Asn Leu Glu Ala
89 65 70 75 80
90 Gln Leu Leu Ser Lys Leu Asp His Pro Ala Ile Val Lys Phe His Ala
91 85 90 95
92 Ser Phe Val Glu Gln Asp Asn Phe Cys Ile Ile Thr Glu Tyr Cys Glu
93 100 105 110
94 Gly Arg Asp Leu Asp Asp Lys Ile Gln Glu Tyr Lys Gln Ala Gly Lys
95 115 120 125
96 Ile Phe Pro Glu Asn Gln Ile Ile Glu Trp Phe Ile Gln Leu Leu Leu
97 130 135 140
98 Gly Val Asp Tyr Met His Glu Arg Arg Ile Leu His Arg Asp Leu Lys
99 145 150 155 160
100 Ser Lys Asn Val Phe Leu Lys Asn Asn Leu Leu Lys Ile Gly Asp Phe
101 165 170 175
102 Gly Val Ser Arg Leu Leu Met Gly Ser Cys Asp Leu Ala Thr Thr Leu
103 180 185 190
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109 225          230          235          240
110 Val Leu Lys Ile Val Glu Gly Asp Thr Pro Ser Leu Pro Glu Arg Tyr
111          245          250          255
112 Pro Lys Glu Leu Asn Ala Ile Met Glu Ser Met Leu Asn Lys Asn Pro
113          260          265          270
114 Ser Leu Arg Pro Ser Ala Ile Glu Ile Leu Lys Ile Pro Tyr Leu Asp
115          275          280          285
116 Glu Gln Leu Gln Asn Leu Met Cys Arg Tyr Ser Glu Met Thr Leu Glu
117          290          295          300
118 Asp Lys Asn Leu Asp Cys Gln Lys Glu Ala Ala His Ile Ile Asn Ala
119 305          310          315          320
120 Met Gln Lys Arg Ile His Leu Gln Thr Leu Arg Ala Leu Ser Glu Val
121          325          330          335
122 Gln Lys Met Thr Pro Arg Glu Arg Met Arg Leu Arg Lys Leu Gln Ala
123          340          345          350
124 Ala Asp Glu Lys Ala Arg Lys Leu Lys Lys Ile Val Glu Glu Lys Tyr
125          355          360          365
126 Glu Glu Asn Ser Lys Arg Met Gln Glu Leu Arg Ser Arg Asn Phe Gln
127          370          375          380
128 Gln Leu Ser Val Asp Val Leu His Glu Lys Thr His Leu Lys Gly Met
129 385          390          395          400
130 Glu Glu Lys Glu Glu Gln Pro Glu Gly Arg Leu Ser Cys Ser Pro Gln
131          405          410          415
132 Asp Glu Asp Glu Glu Arg Trp Gln Gly Arg Glu Glu Glu Ser Asp Glu
133          420          425          430
134 Pro Thr Leu Glu Asn Leu Pro Glu Ser Gln Pro Ile Pro Ser Met Asp
135          435          440          445
136 Leu His Glu Leu Glu Ser Ile Val Glu Asp Ala Thr Ser Asp Leu Gly
137          450          455          460
138 Tyr His Glu Ile Pro Glu Asp Pro Leu Val Ala Glu Glu Tyr Tyr Ala
139 465          470          475          480
140 Asp Ala Phe Asp Ser Tyr Cys Val Glu Ser Asp Glu Glu Glu Glu Glu
141          485          490          495
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143          500          505          510
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145          515          520          525
146 Arg Cys Leu Glu Asn Val Leu Gly Cys Thr Ser Leu Asp Thr Lys Thr
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148 Ile Thr Thr Met Ala Glu Asp Met Ser Pro Gly Pro Pro Ile Phe Asn
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 160 Leu Gln Asn His Leu
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165 <211> LENGTH: 326014

166 <212> TYPE: DNA

167 <213> ORGANISM: Human

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170 <221> NAME/KEY: misc_feature

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172 <223> OTHER INFORMATION: n = A,T,C or G

174 <400> SEQUENCE: 3

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RAW SEQUENCE LISTING ERROR SUMMARY
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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Seq#:3; N Pos. 291059,291060,291061,291062,291063,291064,291065,291066
Seq#:3; N Pos. 291067,291068,291069,291070,291071,291072,291073,291074
Seq#:3; N Pos. 291075,291076,291077